Arts and Sciences, College of

Archaeology & Anthropology, SC Institute of
Clement, Christopher

Lower Enoree Archaeological Survey - 21300-FA44 129,454
Sponsor: USDA Forest Service
Co-PI:

Survey of the Donaldson Center - 21300-FA45 8,163
Sponsor: South Carolina National Guard/DOD
Co-PI:

Smith, Steven

Settlement History of Fort Jackson, South Carolina - 21300-FA43 82,712
Sponsor: U.S. Army Medical Research Acquisition Activity/DOD
Co-PI:

DNR Management Plans Development - 21300-GA18 13,183
Sponsor: SC Department of Natural Resources (SCDNR)
Co-PI:

Baruch Institute
Porter, Dwayne

Opportunity to participate in the proposed project entitled "Expansion of the Carolinas Coast Marine Weather Template within the SECOORA Region" - 21600-FB46 118,773
Sponsor: Univ of North Carolina Wilmington/NOAA
Co-PI:

Biological Sciences
Lovell, Charles

Subcontract - CAREER: Colonizing Land via the Estuarine Route - 13010-FB35 28,988
Sponsor: Mount Holyoke College/NSF
Co-PI:

Mousseau, Timothy

A GIS-based Model to Guide Landscape-Scale Restoration - 13010-GA03 20,000
Sponsor: SC Department of Natural Resources
Co-PI:
Sponsored Awards Management (SAM)
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Reisman, David
Examination of the role of CCAAT/ Enhancer Binding Protein-beta in Transcriptional Regulation of the p53 Promoter  -  13010-FB34
  
  **Sponsor:** SC EPSCoR Program/NSF
  **Co-PI:**

Smith, Deanna
A Role for the Lissencephaly Protein, Lis1, in Dynein-based Transport  -  13010-FB33
  
  **Sponsor:** National Institutes of Health (NIH)
  **Co-PI:**

**Chemistry & Biochemistry**
Dawson, John
Editing: Journal of Inorganic Biochemistry  -  13020-J400
  
  **Sponsor:** Elsevier Science, Inc.
  **Co-PI:**

Morgan, Stephen
Rapid Visualization of Biological Fluids at Crime Scenes using Optical Spectroscopy  -  13020-FB38
  
  **Sponsor:** National Institute of Justice (NIJ)/DOJ
  **Co-PI:** Myrick, Michael

Murphy, Catherine
RUI: Surface-Engineered Nanoparticles to Inhibit Protein Aggregation (subcontract to South Carolina State U)  -  13020-FB40
  
  **Sponsor:** SC State University/NSF
  **Co-PI:**

  Journal of Physical Chemistry Editorship  -  13020-KL00
  
  **Sponsor:** American Chemical Society
  **Co-PI:**

Odom, Jerome
Travel Grant EPSCoR National Board  -  62080-GA00
  
  **Sponsor:** SC EPSCoR Program
  **Co-PI:**
Wang, Qian
Hierarchical Assembled "Nano-Trojan Horse" for Treatment of Brain Metastatic Breast Cancer - 13020-FB39

Sponsor: Atlanta Research and Education Foundation, VAMC at Atlanta/DOD
Co-PI:

English
Berube, David
NIRT: Intuitive Toxicology and Public Engagement - 22040-FA24

Sponsor: National Science Foundation (NSF)
Co-PI: Elliott, Kevin  Gehrke, Pat

Gieskes, Edward
GA: Kara Wilmoski - 12530-GP00

Sponsor: SC Confederate Relic Room & Museum
Co-PI:

Environment, School of the
Jerman, Patricia
Sustainable Universities Initiative - 10060-K101

Sponsor: USC Educational Foundation/Kann Rasmussen Foundation
Co-PI:

Geography
Jakubs, John
GA:  Justin Roberson - 13540-GP20

Sponsor: SC Forestry Commission
Co-PI:

History
Littlefield, Valinda
African American and African Professional Development Workshops: Histories and Geographies for K-12 Educators - 13550-GL00

Sponsor: SC Department of Education
Co-PI: Mitchell, Jerry  Atkinson, Ronald

Mathematics
DeVore, Ronald
Model Classes, Approximation, and Metrics for Dynamic Processing of Urban Terrain Data - 13060-FA35

Sponsor: US Army Reasearch Office (ARO)
Co-PI: Sharpley, Robert  Binev, Peter
Petrushev, Pencho
Highly Effective Geospatial Representation and Analysis - PHASE I - 13060-FA43 271,385
Sponsor: US Department of Defense (DOD)
Co-PI:

Wick, Brett
Investigations on the Corona Problem and a Study of Multi-Parameter Harmonic Analysis - 13060-FA44 58,907
Sponsor: National Science Foundation (NSF)
Co-PI:

Psychology
Brown, Martha
GA: Rachel Smolowitz - 13580-LP19 2,000
Sponsor: Palmetto Health Alliance
Co-PI: Schatz, Jeffrey

Public Service & Policy Research, Institute for
Beacham, Jeffery
Leadership Services - Conestee Foundation - 21100-KL12 21,700
Sponsor: Conestee Foundation
Co-PI:

Thomas, Edwin
Evaluation of USC Salkehatchie Leadership Institute Leadership Development Programs - 21100-KL13 5,000
Sponsor: Western Carolina Higher Education Commission/Stranahan Foundation
Co-PI:

Statistics
Grego, John
Statistical Support for SC DNR Freshwater Fisheries - 13080-GA09 5,900
Sponsor: SC Department of Natural Resources
Co-PI: Vesselinov, Roumen

Tebbs, Joshua
Disease Detection and Prevalence Estimation through Informative Group Testing - 13080-FA24 102,753
Sponsor: University of Nebraska - Lincoln/NIH
Co-PI: Foppa, Ivo
Business & Finance

*Recycling & Waste Management*

Pergolizzi, Laura

*Recycling Equipment* - 50070-GQ00  

*Sponsor:* SC Department of Health and Environmental Control (DHEC)  

Co-PI:

Business, Moore School of

*Small Business Development Center*

Lenti, John

*Procurement Technical Assistance Program for Business Firms (State Director's Office)* - 21250-FL36  

*Sponsor:* Defense Logistics Agency/DOD  

Co-PI:

*Procurement Technical Assistance Program for Business Firms (USC)* - 21250-FL37  

*Sponsor:* Defense Logistics Agency/DOD  

Co-PI:

Education, College of

*Education*

Field, Bruce

*Teacher Cadet Program* - 15200-G221  

*Sponsor:* SC Center for Teacher Recruitment  

Co-PI:

*Education Leadership & Policies*

Lindsay, Sandra

*The Education and Economic Development Act: The Impact on Teacher Preparation Units* - 15230-GA02  

*Sponsor:* SC Department of Education  

Co-PI:

*Education Studies, Department of*

DiStefano, Christine

*Development and Validation of Behavioral Screeners for Early Identification and Intervention in Elementary School* - 15240-FA08  

*Sponsor:* Georgia State University/USDE  

Co-PI:
Lowrey, Karen
College Transition Connection/National Down Syndrome Society: Post-Secondary Education Grant Proposal - 15240-KL00

Sponsor: College Transition Connection, Inc./National Down Syndrome Society
Co-PI: Pettus, Karen

Instruction & Teacher Education
James, Ellen
Professional Development: English Language Arts Academic Standards - 15250-GJ28

Sponsor: SC Department of Education
Co-PI:

Stephens, Diane
South Carolina Reading First 2007-2008 - 15250-FJ23

Sponsor: SC Department of Education/USDE
Co-PI: DeFord, Diane  Donnelly, Amy

Office of Program Evaluation
Yap, Ching Ching
Arts In Education Research Project II (Year 8) - 15290-GL28

Sponsor: SC Arts Commission
Co-PI:

Standards-Based Arts Assessment in South Carolina: Music and Visual Arts Assessments for Distinguished Arts Programs (2007-2008) - 15290-GL29

Sponsor: SC School Districts/SC Department of Education
Co-PI:

Engineering & Computing, College of
Chemical Engineering
Lee, Woo-kum
Tutorial for Assembly and Testing Protocols in PEMFC Operation - 15510-JA68

Sponsor: Palmetto Fuel Cell Technologies, LLC
Co-PI:
Sponsored Awards Management (SAM)

October, 2007   New Awards

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<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Sponsor</th>
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<td>Moss, Melissa</td>
<td>Characterization of Membrane Compositions that Promote Amyloid-beta Assembly - 15510-KA36</td>
<td>Alzheimer's Association</td>
<td>100,000</td>
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<td>Popov, Branko</td>
<td>Development of Advanced Unitized Regenerative Fuel Cell - 15510-FB21</td>
<td>College of Charleston/NASA</td>
<td>250,000</td>
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<td>Ritter, James</td>
<td>Ammonia Process by Pressure Swing Adsorption - 15510-FB20</td>
<td>SmartKoncept Inc/DOE</td>
<td>341,570</td>
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<tr>
<td>Van Zee, John</td>
<td>I/UCRC Fuel Cell Center - Operating Account - 15510-JA11</td>
<td>Various Sponsors</td>
<td>30,625</td>
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<td>Accelerating the Development of the PEMFCs: A Proposal for the Scientific Fellowship Program between Fraunhofer Institutes and US-American Centers of Excellence (Prof. x2) - 15510-KA35</td>
<td>Fraunhofer Institutes</td>
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<td>Weidner, John</td>
<td>High Performance Electrolyzers for Hybrid Thermochemical Cycles - 15510-FA86</td>
<td>US Department of Energy (DOE)</td>
<td>110,176</td>
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<td>Fabrication of Fuel Cell MEAs - 15510-JA69</td>
<td>Palmetto Fuel Cell Technologies, LLC</td>
<td>15,477</td>
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Civil & Environmental Engineering
Haselbach, Liv

*Environmental Assessment of Stormwater Infrastructure Chemical Spraying*  -  15520-HA03  
*Sponsor:* Richland County  
*Co-PI:* James, L.

Pierce, Charles

*Geotechnical Materials Database for Embankment Design and Construction*  -  15520-FA55  
*Sponsor:* SC Department of Transportation/DOT  
*Co-PI:* Gassman, Sarah  Ray, Richard

Electrical Engineering
Khan, Asif

*InGaN Based High Power Visible Lasers*  -  15530-FA71  
*Sponsor:* US Army Research, Development, & Engineering Command & Acquisition Center (DARPA)/DOD  
*Co-PI:*

Santi, Enrico

*Development of System Level Modeling and Simulation Capability for SIC Power Semiconductor Devices*  -  15530-FA62  
*Sponsor:* Office of Naval Research (ONR)/DOD  
*Co-PI:*

Mechanical Engineering
Reynolds, Anthony

*FSP I/UCRC Operation Account*  -  15540-JA21  
*Sponsor:* Various Sponsors  
*Co-PI:*

SC Alliance for Minority Participation (SCAMP)
Perkins, Michael

*SCAMP Phase I*  -  15580-FA03  
*Sponsor:* SC State/NSF  
*Co-PI:*
Hospitality, Retail & Sport Management, College of

Hotel, Restaurant & Tourism Administration
Harrill, Richard
A Study on the Mainland Chinese Outbound Tourism Market - 14050-FA00 24,995
Sponsor: OTTI/US Department of Commerce (DOC)
Co-PI: Li, Xiang (Robert)

Retailing, Department of
Bickle, Marianne
Target 2007 - 14010-JL01 2,000
Sponsor: Target Corporation
Co-PI:

Sport & Entertainment Management
Regan, Tom
International Conference on Sport and Entertainment Business 7,000
Hospitality Tax - Application (H-Tax) - 14030-HJ00
Sponsor: City of Columbia
Co-PI:

International Conference on Sport and Entertainment Business (ICSEB) 25,000
“A” Accommodations Tax Application - - 14030-HJ01
Sponsor: City of Columbia
Co-PI:

Medicine, School of

Family & Preventive Medicine
McDermott, Suzanne
An Efficacy Trial of Steps to Your Health for Adults with Learning Domain Disabilities - 18130-FA10 325,000
Sponsor: Centers for Disease Control (CDC)/HHS
Co-PI:

Health & Safety
Johnson, Tony
2008 SC Department of Health and Environmental Control Recycling Grant - 18390-GL03 25,000
Sponsor: SC Department of Health & Environmental Control (DHEC)
Co-PI:
### Internal Medicine

**Ahuja, Divya**

*Enhancing Linkages to HIV Primary Care and Services in Jail Settings Demonstration Models*  
- 18190-FA01

**Sponsor:** Health Resources & Services Administration (HRSA) - HIV/AIDS Bureau  
**Co-PI:** Albrecht, Helmut   Duffus, Wayne

**Albrecht, Helmut**

*A Multicenter, Open-label, Controlled Phase II Study to Evaluate Safety and Immunogenicity of MVA-BN (IMVAMUNE) Smallpox Vaccine in 18 - 55 Year Old Naive and Previously Vaccinated HIV Infected Subjects with CD4 Counts >200 - 500*  - 18190-FA00

**Sponsor:** Bavarian Nordic/NIH  
**Co-PI:**

**Bryan, Charles**

*Center for Bioethics*  - 21100-L102

**Sponsor:** USC School of Medicine Educ. Trust/PHA  
**Co-PI:**

**Hirth, Victor**

*Palmetto State Geriatric Education Center*  - 18190-FJ05

**Sponsor:** Health Resources & Services Administration (HRSA)/HHS  
**Co-PI:**

**Horvath, Joseph**

*Protocol AI424128: A Phase IV, Multi-center, Cross-sectional Study to Evaluate the I50L Substitution among Subjects Experiencing Virologic Failure on a HAART Regimen Containing Atazanavir (ATV).*  - 18190-JA28

**Sponsor:** Bristol-Myers Squibb Company/PPD Development, LP  
**Co-PI:** Talwani, Rohit   Postic, Bosko   Elko, Lucinda

**Moloo, Jamal**

*Ontarget/Transcend*  - 18190-JA09

**Sponsor:** Hamilton Health Sciences/Boehringer Ingleheim  
**Co-PI:**

**Medicine, School of - (Dean)**

**Fowler, Stanley**

*Center of Research Excellence/Undergraduate Program*  - 18360-KJ03

**Sponsor:** Palmetto Health Richland  
**Co-PI:**
Neuropsychiatry
Leech, Linda
Long Term Training Grant in Job Development and Placement - 18120-FJ01 100,000
Sponsor: US Department of Education (USDE)
Co-PI:

Narasimhan, Meera
Risperidone Long-Acting for Alcohol and Schizophrenia Treatment (R-Last) - 18120-JA05 46,727
Sponsor: Trustees Dartmouth College/Janssen Medical Affairs
Co-PI:

Obstetrics & Gynecology
Carney, Patricia
Twin Birth Study - 18110-LA01 1,603
Sponsor: Canadian Institutes of Health Research (CIHR)
Co-PI: Gregg, Anthony

Pathology & Microbiology
Nagarkatti, Mitzi
Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 3 - 18060-FA33 287,539
Sponsor: National Center for Complementary & Alternative Medicine (NCCAM)/NIH
Co-PI:

Nagarkatti, Prakash
Center for CAM Research on Autoimmune and Inflammatory Diseases - Admin. Core - 18060-FA30 160,322
Sponsor: National Center for Complementary & Alternative Medicine (NCCAM)/NIH
Co-PI: Nagarkatti, Mitzi

Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 1 - 18060-FA32 291,016
Sponsor: National Center for Complementary & Alternative Medicine (NCCAM)/NIH
Co-PI: Singh, Narendra Zhou, Juhua

Singh, Narendra
Center for CAM Research on Autoimmune and Inflammatory Diseases - Immunotox. Core - 18060-FA31 218,214
Sponsor: National Center for Complementary & Alternative Medicine (NCCAM)/NIH
Co-PI:
**Pediatrics**

**Ferrante, Richard**

*Assistive Technology Expo* - 18140-FL68

*Sponsor:* SC Department of Education/USDE  
*Co-PI:*

**Neuberg, Ronnie**

*Children's Oncology Group/National Childhood Cancer Foundation* - 18140-FA06

*Sponsor:* National Childhood Cancer Foundation (NCCF)/NCI/NIH

**Rosa, Olga**

*SCCAMRS/DHHS Contract* - 18140-GL26

*Sponsor:* SC Department of Health & Human Services

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**Pharmacology, Physiology & Neuroscience**

**McDonald, Alexander**

*Functional Neuroanatomy of the Basolateral Amygdala* - 18080-FA09

*Sponsor:* Emory University/NIH

**Reagan, Lawrence**

*Hippocampal Insulin Signaling Deficits in Diabetes* - 18080-KA21

*Sponsor:* Juvenile Diabetes Research Foundation

**Wilson, Marlene**

*Amygdala NPY, Anxiety Phenotypes and Alcohol Consumption* - 18080-FA12

*Sponsor:* National Institute on Alcohol Abuse & Alcoholism (NIAAA)/NIH

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**Research & Special Projects**

**Howe, Duncan**

*Improving the Health Literacy and Health of Residents of Southern Lancaster County* - 18360-KL10

*Sponsor:* J. Marion Sims Foundation

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Pharmacy, SC College of

Basic Pharmaceutical Sciences
Hofseth, Lorne
Center for CAM Research on Autoimmune and Inflammatory Diseases - Project 2 - 11110-FA28

Sponsor: National Center for Complementary & Alternative Medicine (NCCAM)/NIH
Co-PI: Nagarkatti, Prakash, Matesic, Lydia

Palmetto Poison Center
Michels, Jill
South Carolina Poison Center Stabilization Project - 11140-FL07

Sponsor: Health Resources & Services Administration (HRSA)/HHS
Co-PI:

Surveillance of the RADARS System by Poison Control Centers - 11140-LA00

Sponsor: Denver Health and Hospital Authority
Co-PI:

Provost, Office of the

TRIO Programs
Beasley, Paul
Ronald E. McNair Postbaccalaureate Achievement Program - 21710-FL33

Sponsor: US Department of Education (USDE)
Co-PI:

Public Health, Arnold School of

Communication Sciences & Disorders
Frank, Elaine
GA: Lauren Rindskopf - 11560-JP08

Sponsor: Blue Choice Health Plan
Co-PI:

Epidemiology & Biostatistics
Karmaus, Wilfried
Analysis of Reproductive Periods Collected in the OSSM Project at Michigan State University - 11520-FA79

Sponsor: Michigan State University/CDC
Co-PI:
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<td>Svendsen, Erik</td>
<td>SC Department of Health &amp; Environmental Control (DHEC)</td>
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<td><strong>Health Promotion, Education &amp; Behavior</strong></td>
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<td>Brandt, Heather</td>
<td>Medical University of South Carolina (MUSC)/NIH</td>
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<td>Richter, Donna</td>
<td>W. K. Kellogg Foundation</td>
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<td><strong>Health Services &amp; Policy Research, Center for</strong></td>
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<td>Simensen, Erik</td>
<td>Lieutenant Governor's Office on Aging/Administration on Aging/HHS</td>
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<td><strong>Health Services Policy and Management</strong></td>
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<td>Laditka, Sarah</td>
<td>Nexsen Pruet, LLC</td>
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<td>Martin, Amy</td>
<td>SC Department of Health &amp; Environmental Control (DHEC)/CDC</td>
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<td><strong>Evaluation for the Special Project of National Significance, HIV and Oral Health</strong></td>
<td>Sandhills Medical Foundation Inc./HRSA</td>
<td>25,600</td>
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Probst, Janice
GA: Krystal Hughes - 11550-GP33
Sponsor: SC Department of Health & Environmental Control (DHEC)
Co-PI: 9,996

GA: Jacklyn Martin - 11550-JP82
Sponsor: Blue Cross Blue Shield of South Carolina
Co-PI: 3,200

GA: Divya Reddy - 11550-KP21
Sponsor: New Morning Foundation
Co-PI: 3,360

GA: Suzanne Maynard - 11550-LP96
Sponsor: Lexington Medical Center - Health Directions
Co-PI: 6,600

Xirasagar, Sudha
GA: Jason Eure Prillaman - 11550-JP81
Sponsor: Blue Cross Blue Shield of South Carolina
Co-PI: 2,000

Research & Nutrition & Health Disparities, Center for
Mayer-Davis, Elizabeth
Healthy Outcomes of Healthy Weight Loss (LOOK Ahead) - 11590-FA18
Sponsor: Wake Forest University/NIH
Co-PI: 42,283

Research & Health Sciences, Vice President
Families in Society, Institute for
Luckey, Irene
Evaluation and Capacity Building Contract - 10010-FA34
Sponsor: SC Center for Fathers and Families/ACF/HHS
Co-PI: 85,000
Social Work, College of

Brown, Elsbeth

BASiCspaces: Second Phase  -  15900-KL15

Sponsor: The Mary Black Foundation

Co-PI:

Jones, Johnny

Evaluation of Project SAFE: Agreement to Subcontract  -  15900-FA14

Sponsor: Mental Health America of South Carolina/SAMHSA/HHS

Co-PI: Paget, Kathleen

Ward, James

GA: Annie Blount
- 15900-KR20

Sponsor: The Salvation Army

Co-PI:

USC Beaufort

Borgianini, Stephen

Lipid Content of Upriver and Estuarine Populations of U. Minax in Coastal South Carolina  -  17220-FA04

Sponsor: Mount Holyoke College/NSF

Co-PI:

Warren, Alan

Sediment and Water Quality at Three Marine Corps Rifle and Bombing Ranges: Marine Corps Recruit Depot Parris Island, Marine Corps Base Camp Lejeune, and Marine Corps Air Station Cherry Point  -  17220-FA03

Sponsor: US Marine Corps/DOD

Co-PI:
USC Lancaster

**USC Lancaster**
Bailey, Thelathia

**Student Support Services - 17550-FL15**

- **Sponsor:** US Department of Education (USDE)
- **Co-PI:** Bailey, Thelathia

**Student Support Services - Grant-in-Aid - 17550-FL16**

- **Sponsor:** US Department of Education (USDE)
- **Co-PI:** Bailey, Thelathia

**Upward Bound - 17550-FL20**

- **Sponsor:** US Department of Education (USDE)
- **Co-PI:** Bailey, Thelathia

USC Upstate

**USC Upstate**
Orr, Walter

**College Recycling Grant 2007-08 - 17880-GL15**

- **Sponsor:** SC Department of Health & Environmental Control (DHEC)
- **Co-PI:**

Pae, Holly

**Project CREATE 2007-2008 - 17880-FJ19**

- **Sponsor:** SC Department of Education/USDE
- **Co-PI:**

Randolph, Linda

**Child Care Access Means Parents in School (CCAMPIS) Program Grant - 17880-FL68**

- **Sponsor:** US Department of Education (USDE)
- **Co-PI:**

Report Total: $13,831,549